PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	PCT
0-2	International Filing Date	18.12.03
0-3	Name of receiving Office and "PCT International Application"	交银中
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	F0964PCT
ı	Title of invention	OPTICAL DNA SENSOR, DNA READING APPARATUS, IDENTIFICATION METHOD OF DNA AND MANUFACTURING METHOD OF OPTICAL DNA SENSOR
11	Applicant	
II-1	This person is:	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	CASIO COMPUTER CO., LTD.
II-5	Address:	6-2, Hon-machi 1-chome,
		Shibuya-ku, Tokyo 151-8543
		Japan
11-6	State of nationality	JP
II-7	State of residence	JP
8-11	Telephone No.	042-579-7270
11-9	Facsimile No.	042-579-7708
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	OGURA, Jun
III-1-5	Address:	1202, Fussa,
		Fussa-shi, Tokyo 197-0011
		Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP



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7	11-2	Applicant and/or inventor	
	111-2-1	This person is:	applicant and inventor
	111-2-2	Applicant for	US only
	111-2-4	Name (LAST, First)	ISHIDA, Hideaki
	111-2-5	Address:	23-3-1403, Naka-cho 1-chome,
			Musashino-shi, Tokyo 180-0006
			Japan
	111-2-6	State of nationality	JP
	111-2-7	State of residence	JP
-	IV-1	Agent or common representative; or address for correspondence The person identified below is	agent
		hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	
	IV-1-1	Name (LAST, First)	ARAFUNE, Hiroshi
)	IV-1-2	Address:	5F, Nikko Kagurazaka Bldg., 18,
	•		Iwatocho
			Shinjuku-ku, Tokyo 162-0832
			Japan
	IV-1-3	Telephone No.	03-3269-2611
	IV-1-4	Facsimile No.	03-3269-3590
	IV-2	Additional agent(s)	additional agent(s) with same address as
			first named agent
	IV-2-1	Name(s)	ARAFUNE, Yoshio
	V	Designation of States	CD CT CD MZ IIC
	V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT
			EA: AM AZ BY KG KZ MD RU TJ TM and any
			other State which is a Contracting State
1			of the Eurasian Patent Convention and of
,			the PCT
			EP: AT BE BG CH&LI CY CZ DE DK EE ES FI
			FR GB GR HU IE IT LU MC NL PT RO SE SI
			SK TR and any other State which is a
			Contracting State of the European Patent
			Convention and of the PCT
		i	OA: BF BJ CF CG CI CM GA GN GQ GW ML MR
			NE SN TD TG and any other State which is



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V-2	National Patent	AE	AG	\mathbf{AL}	AM	ΑT	ΑU	ΑZ	BA	BB	BG	BR	BW	BY
	(other kinds of protection or treatment, if any, are specified between		CA	CH	LL2	CN	CO	CR	CU	CZ	DE	DK	DM	DZ
	parentheses after the designation(s)	EC	EE	EG	ES	FI	GB	GD	GE	GH	GM	HR	HU	ID
	concerned)	IL	IN		KE					T ₁ C	T.K	T.R	T.S	T.T
					MD									
			_											
					PL					SD			SK	
				TM		TR	TT	TZ	UA	UG	US	UZ	VC	VN
		YU	ZA	ZM	ZW									
V-5	Precautionary Designation Statement													
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated													·
	under item V-6 below. The applicant declares that those additional													
)	designations are subject to confirmation													
1	and that any designation which is not													
	confirmed before the expiration of 15 months from the priority date is to be		•											
	regarded as withdrawn by the applicant													
	at the expiration of that time limit.													
V-6	Exclusion(s) from precautionary designations	иои	1E											
VI-1	Priority claim of earlier national				•									
VI-1-1	application Filing date	25	Dec	cemb	oer	200	02	(25	.12	200	121			
VI-1-2	Number	1			ppl:			-			-	5		
VI-1-3	Country	JР		•	•									
VI-2	Priority claim of earlier national													
VI-2-1	application Filing date	25	Doc	-cml	per	200	12	125	12	200	121			
VI-2-2	Number	1			opl:							4		
VI-2-3	Country	JP		~1				`				-		
VII-1	International Searching Authority Chosen	Euı	cope	ean	Pa	tent	t Oi	Efic	ce	(EPC)	(ISZ	A/EI	?)
VIII	Declarations		Nu	mber	of dec	laratio	ns							
) VIII-1	Declaration as to the identity of the inventor	_												
VIII-2	Declaration as to the applicant's entitlement, as at the international filing	-												
	date, to apply for and be granted a patent													
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier	-												
VIII-4	application Declaration of inventorship (only for the													
V 1114	purposes of the designation of the United States of America)	_												
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of	-									•			
	disclosures or exceptions to lack of novelty													

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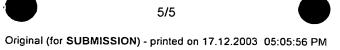
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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	86	<u> </u> -
IX-3	Claims	6	_
IX-4	Abstract	1	EZABSTOO.TXT
IX-5	Drawings	18	-
IX-7	TOTAL	116	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	-
IX-9	Original separate power of attorney	√	-
IX-13	Priority document(s)	Item(s) VI-1, VI-2	-
IX-17	PCT-EASY diskette	_	Diskette
IX-18	Other (specified):	Revenue stamps of	_
		transmittal fee for	1
		receiving office	
IX-18	Other (specified):	Submission of	-
		certificate of	
		payment for search	
		fee	
IX-18	Other (specified):	Submission of	_
		certificate of	
		payment for	
		international fee	<u> </u>
IX-19	Figure of the drawings which should accompany the abstract	2	
X-20	Language of filing of the	English	
	international application		
X-1	Signature of applicant, agent or common representative		
		Knash Cuchune ARAFUNE, Hiroshi	
X-1-1	Name (LAST, First)	ARAFUNE, Hiroshi	
X-2	Signature of applicant, agent or common representative		
	·	Yoshic aratune ARAFUNE, Yoshio	
X-2-1	Name (LAST, First)	ARAFUNE, Yoshio	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	

PCT REQUEST



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F0964PCT

. 10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		
10-5	International Searching Authority	ISA/EP	
10-6	Transmittal of search copy delayed until search fee is paid		-

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11-1	Date of receipt of the record copy by		
	the International Bureau		